

AMENDED IN ASSEMBLY MAY 8, 2013

AMENDED IN ASSEMBLY APRIL 24, 2013

AMENDED IN ASSEMBLY APRIL 8, 2013

CALIFORNIA LEGISLATURE—2013–14 REGULAR SESSION

ASSEMBLY BILL

No. 284

Introduced by Assembly Member Quirk

February 11, 2013

An act to add ~~Section 25229~~ *Sections 71090 and 71091* to the Public Resources Code, relating to ~~energy~~ *global warming*.

LEGISLATIVE COUNSEL'S DIGEST

AB 284, as amended, Quirk. Energy: Road to 2050 ~~Board~~. *Board: reporting.*

The California Global Warming Solutions Act of 2006, establishes the State Air Resources Board as the state agency responsible for monitoring and regulating sources emitting greenhouse gases.

This bill would require the chair of the state board to convene the Road to 2050 Board consisting of specified representatives from specified state agencies and commissions. The bill would require the Road to 2050 Board, by January 31, 2016, and by January 31 of each even-numbered year thereafter, to submit a report to the Governor and the Legislature on the impacts to California of global warming, including impacts to water supply, public health, agriculture, coastline, and forestry, and to prepare and report on mitigation and adaptation plans to combat these impacts. The bill would require that the report be used, on an advisory basis, to guide key infrastructure decisionmaking processes and policies at the local and statewide level.

~~Existing law establishes the State Energy Resources Conservation and Development Commission and vests the commission with various authorities and duties regarding energy-related issues.~~

~~This bill would require the commission to convene the Road to 2050 Board consisting of representatives from specified entities. The bill would require the board to contract with an independent research group to undertake specified studies regarding the achievement of a goal of reducing greenhouse gas emissions by 80% of the 1990 emissions level by 2050, referred to as the 2050 goal. The bill would require the board, on or before January 1, 2015, and every 4 years thereafter, to prepare, adopt, and submit to the Legislature the Road to 2050 Report that includes specified information to provide, on an advisory basis, guidance for key infrastructure decisionmaking processes at the local and statewide level to ensure those processes adequately consider implications for meeting the 2050 goal. The bill would require the board to hold a public meeting, on a biennial basis, for the preparation of the Road to 2050 Report.~~

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 71090 is added to the Public Resources
- 2 Code, to read:
- 3 71090. To ensure that the interests of the people of California
- 4 are served, the Chair of the State Air Resources Board shall
- 5 convene the Road to 2050 Board consisting of all of the following:
- 6 (a) The Secretary of the Business Consumer Services.
- 7 (b) The Secretary of Food and Agriculture.
- 8 (c) The Secretary of the Natural Resources Agency.
- 9 (d) The Secretary of Transportation.
- 10 (e) The Chair of the State Energy Resources Conservation and
- 11 Development Commission.
- 12 (f) The President of the Public Utilities Commission.
- 13 SEC. 2. Section 71091 is added to the Public Resources Code,
- 14 to read:
- 15 71091. (a) For purposes of this section, “2050 goal” means
- 16 the goal of reducing emissions of greenhouse gases by 80 percent
- 17 from 1990 emission levels by 2050.

1 ***(b) Notwithstanding Section 10231.5 of the Government Code,***
2 ***and pursuant to Section 9795 of the Government Code, by January***
3 ***31, 2016, and by January 31 of each even-numbered year***
4 ***thereafter, the Road to 2050 Board shall submit a report to the***
5 ***Governor and the Legislature on the impacts to California of***
6 ***global warming, including impacts to water supply, public health,***
7 ***agriculture, coastline, and forestry, and shall prepare and report***
8 ***on mitigation and adaptation plans to combat these impacts. The***
9 ***report shall contain all of the following:***

10 ***(1) An overview of the overall reduction in emissions of***
11 ***greenhouse gases as a result of California's environmental and***
12 ***energy policies, then to date.***

13 ***(2) Milestones to represent the progress needed to achieve the***
14 ***2050 goal, an evaluation of what is reasonably possible, and if a***
15 ***change in course of action is appropriate.***

16 ***(3) Descriptions of all programs and policies using currently***
17 ***available technologies to achieve the 2050 goal.***

18 ***(4) The best process for reducing carbon emissions from***
19 ***electrical generation that ensure cost-effectiveness and reliability.***

20 ***(5) Methods to reduce emissions of greenhouse gases from***
21 ***homes, farms, and industrial and commercial structures.***

22 ***(6) Reductions in emissions of greenhouse gases from sources***
23 ***of transportation, then to date.***

24 ***(c) (1) The report shall be used to establish consistent metrics***
25 ***to be used for quantifying emissions of greenhouse gases and***
26 ***reductions in emissions of greenhouse gases and assessing the***
27 ***costs and benefits of each emission reduction program.***

28 ***(2) The report shall be based on policies currently in effect***
29 ***based on existing infrastructures and technologies.***

30 ***(3) The report shall include a marginal cost curve analysis on***
31 ***each program to provide an assessment of the cost-effectiveness***
32 ***of the program.***

33 ***(4) The report shall identify any statutory changes, policy gaps,***
34 ***limitations in statutes, or conflicting policies among state agencies***
35 ***that are needed to or prevent the ability to, optimize the objectives***
36 ***of the state's energy and environmental policies.***

37 ***(d) The report shall be used, on an advisory basis, to guide key***
38 ***infrastructure decisionmaking processes and policies at the local***
39 ***and statewide level.***

1 ~~(e) The Chair of the State Air Resources Board shall convene~~
2 ~~at least one public meeting to take public comments on each report.~~

3 ~~SECTION 1. Section 25229 is added to the Public Resources~~
4 ~~Code, to read:~~

5 ~~25229. (a) To ensure that the interests of the people of~~
6 ~~California are served, the commission shall convene the Road to~~
7 ~~2050 Board consisting of all of the following:~~

8 ~~(1) A high-level representative from the commission.~~

9 ~~(2) A high-level representative from the Public Utilities~~
10 ~~Commission.~~

11 ~~(3) A high-level representative from the State Air Resources~~
12 ~~Board.~~

13 ~~(4) A high-level representative from the California~~
14 ~~Environmental Protection Agency.~~

15 ~~(5) A high-level representative from the Independent System~~
16 ~~Operator.~~

17 ~~(6) Two members appointed by the Speaker of the Assembly.~~

18 ~~(7) Two members appointed by the Senate Committee on Rules.~~

19 ~~(b) The board shall do both of the following:~~

20 ~~(1) (A) On or before January 1, 2015, and on or before January~~
21 ~~1 every four years thereafter, the board shall prepare and adopt,~~
22 ~~the Road to 2050 Report containing findings that are used, on an~~
23 ~~advisory basis, to guide key infrastructure decisionmaking~~
24 ~~processes and policies at the local and statewide level to ensure~~
25 ~~those processes adequately consider implications for meeting the~~
26 ~~2050 goals.~~

27 ~~(B) The report shall contain all of the following:~~

28 ~~(i) An overview of the overall reduction in emissions of~~
29 ~~greenhouse gases as a result of California's energy and~~
30 ~~environmental policies to date.~~

31 ~~(ii) Consistent metric integration among the state agencies to~~
32 ~~ensure the analysis of the information included in the report is~~
33 ~~reliable and determines cost-effectiveness.~~

34 ~~(iii) Milestones to represent the progress needed to achieve the~~
35 ~~2050 goal, an evaluation of what is reasonably possible, and if a~~
36 ~~change in course of action is appropriate.~~

37 ~~(iv) Alternative scenarios describing the best possible roadmap~~
38 ~~to achieve the 2050 goal in the most cost-effective manner.~~

1 ~~(I) The scenarios shall be based on policies currently in effect~~
2 ~~and existing technologies and infrastructures at the time of the~~
3 ~~report.~~

4 ~~(II) The scenarios shall contain separate roadmaps to determine~~
5 ~~the best processes toward the 2050 goal.~~

6 ~~(III) The scenarios shall include a marginal cost curve analysis~~
7 ~~to better assess the cost-effectiveness of each given scenario.~~

8 ~~(C) The board shall hold a public meeting, on a biennial basis,~~
9 ~~for the preparation of the report.~~

10 ~~(D) The board shall submit to the Legislature, notwithstanding~~
11 ~~Section 10231.5 of the Government Code, and pursuant to Section~~
12 ~~9795 of the Government Code, the report and identify statutory~~
13 ~~changes, policy gaps, limitations in statutes, or conflicting policies~~
14 ~~among state agencies that are needed to optimize the objectives~~
15 ~~of the state's energy and environmental policies.~~

16 ~~(E) The board may contract with an independent research group~~
17 ~~to prepare the report.~~

18 ~~(2) Contract with an independent research group to focus on a~~
19 ~~study to determine the best process for meeting the 2050 goal to~~
20 ~~include all of the following:~~

21 ~~(A) The best process for reducing carbon emissions from~~
22 ~~electrical generation that ensure cost-effectiveness and reliability.~~

23 ~~(B) Methods to reduce emissions of greenhouse gases from~~
24 ~~homes, farms, and industrial and commercial structures.~~

25 ~~(C) Emission reductions from sources of transportation.~~

26 ~~(e) For the purposes of this section, "2050 goal" means the goal~~
27 ~~of reducing emissions of greenhouse gases by 80 percent from~~
28 ~~1990 emission levels by 2050.~~